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VPL-DX140

An energy-efficient XGA resolution desktop projector for the budget conscious corporate user

Designed for the corporate sector to enable them to work smarter and create business-driving impact, the new VPL-DX140 is the perfect desktop projector, delivering clear, crisp, bright presentations in any meeting room environment.
For great Performance, easy convenience and eco and economic responsibility the VPL-DX140 is the perfect choice for the corporate meeting room and executive boardroom.
Sony's inorganic panels (BrightEra) delivers higher picture quality, substantially brighter images, higher efficiency, better contrast, consistent colour stability and longer durability and usability.
The VPL-DX140 offers 3200lm of brightness, XGA resolution, 1.3 times optical lens Zoom, 2500:1 contrast ratio, RGB, HDMI digital input , Video capability and all in a chassis weighing less than 2.5kg. Easy to carry, set-up and power down, they are ideal for small to medium-sized rooms.
With eco conscious features that ensure low total cost of ownership - the projector provides 7000 hours of lamp life, three brightness mode, auto lamp dimming, auto picture dimming and an ECO Gauge that makes the VPL-DX140 one of the most eco-friendly projectors on the market today.

PrimeSupport
Sony Desk Top business projectors (D Series) come supplied with a 2-year support pack, which offers unique extra services and benefits:

- 2 years' cover and 1 year lamp (or 1000 hours)
- Free telephone helpdesk support in English, German, French, Italian and Spanish
- Collection and delivery anywhere in the EU, Norway and Switzerland

PrimeSupport Plus
For customer peace of mind we have designed additional PrimeSupport packs that give that extra support if needed.

- 1yr extension of current service level for a total of 3 Years PrimeSupport coverage
- 3yr extension of current service level for a total of 5 Years PrimeSupport coverage
- Immediate loan unit service to current 3 Year PrimeSupport pack (above)
- Immediate loan and 3 year extension for the ultimate package for a complete 5 year coverage with immediate loan service

Features

Maximum 3200 lumens brightness with High, Standard and Low modes
The VPL-DX140 features three brightness modes for your different uses – High for naturally white presentations in bright rooms, Standard for everyday use, and Low for video in darkened rooms.

1.37 ~ 1.80:1 throw ratio
The VPL-DX140 offers a throw ratio that accommodates the majority of installation replacements in all corporate environments.

3-LCD BrightEra Technology
Sony's 0.63 inch BrightEra inorganic TFT 3-LCD panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability.

XGA Resolution
The VPL-DX140 has a colour light output of 3200 ANSI lumens and with a native XGA (1024 x 768) 4:3 screen resolution panel is perfect for presentations direct from a laptop or PC.

7000 hours Lamp Life
New driving scheme reduces gap expansion that reduces brightness gradation and a new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding.

Eco Mode Key
Users can easily select power-saving Eco Modes. The most energy-efficient mode is accessible through a single button-push and further adjustments are available through an easily understood menu system.

ECO Lamp Dimming
Reduce power consumption without user detection or after a user pre-set time, reduce brightness and power consumption up to 30% power usage for ultimate power eco savings.

Auto Dimming Mode

Adjust brightness depending on picture, The darker the picture, the less energy used by the lamp. (Max 70% Lamp power reduction based on image).

ECO Picture Mute - (Instant off / Instant On)

New Picture Mute reduces power consumption down to 30% power usage, saving cost and lamp hours. No need to power complete off and turn back on that does increase power consumption and time consuming.

Eco Gauge

At time of projector shut down an ECO achievement indication (gauge) appears to show the user how well they have used their projector. The more Eco features used, the better the ECO green leaf mark. (Calculated by use of Eco Functions and actual lamp wattage)

Vertical Keystone Adjustment

The projector can correct keystone distortion by +/- 30% for perfect installation adjustment to the smart board or screen. (Note that since this is an electronic correction, it will reduce the picture quality slightly).

Smart APA (Auto Pixel Alignment)

When a computer is used as a picture source, APA automatically optimises Phase, Pitch and Shift values. These can also be adjusted manually.

Auto Input Search

Auto Input Search detects which input has an incoming signal, and automatically switches to it. This makes it easier for users to set up the projector prior to making a presentation.

Picture Muting

If the picture needs to be turned off, all it takes is a single button-press on the remote control. This will mute audio at the same time. There is also a separate "mute audio" button for audio-only muting.

Audio switcher facility

To avoid the need for a separate audio switcher, the projector can be used to select between two audio sources, routing them via a variable audio output to the room amplification system.

Picture Freeze Function

Picture Freeze is useful during presentations if you need to look at other material on your PC's screen without the viewing audience being aware. Freeze the current image, and you can use your PC independently of the display from the projector.

Digital Zoom

With Digital Zoom, if you are displaying a computer-sourced image, you can enlarge a selected area of the screen image up to four times.

Off and Go

At the end of a presentation, you can turn off the power supply to the projector immediately, instead of going through a 'power down' cycle.

Direct Power On/Off

With this function, there is no need to go through 'Standby' mode when powering up the projector. The projector can be set to activate as soon as power is applied.

Filter replaced at the same time as lamp

The filter only needs to be changed when a new lamp is fitted, potentially halving disruption due to maintenance.

Multiple Picture Modes

The VPL-DX140 has six picture modes (Dynamic, Standard, Game, Blackboard, Cinema and Presentation) that can be selected to suite the nature of the source material.

Built-in security measures

The VPL-DX140 has a package of security measures, including password protection, and physical anti-theft anchor points.

Technical Specifications

Display system	3 LCD system

Display device	
Size of effective display area	0.63" (16.0 mm) x 3, BrightEra, Aspect ratio: 4:3
Number of pixels	2,359,296 (1024 x 768 x 3) pixels

Projection lens	
Zoom (Manual)	X1.3
Focus	Manual
Digital Zoom	X4
Light source	High-pressure mercury lamp 210 W type
Recommended lamp replacement time*1	3000 H / 5000 H / 7000 H (Lamp mode: High / Standard / Low)
Filter cleaning cycle	Max. 1000 Hours (low mode)
Screen size	30" to 300" (0.762 m to 7.62 m)
Light output (Lamp mode: High / Standard / Low)	3200 lm / 2300 lm / 1900 lm
Color light output	3200 lm / 2300 lm / 1900 lm

Contrast ratio (full white / full black)*3	2500:1
Speaker	1 W x 1 (monaural)

Displayable scanning frequency

Horizontal	15 kHz to 92 kHz
Vertical	48 Hz to 92 Hz

Display resolution

Computer signal input	Maximum input signal resolution: UXGA 1600 x 1200 (resizing display), Panel display resolution: 1024 x 768 pixels
Video signal input	Video (composite), 15k (480/60i, 576/50i), DTV (480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i 1080/60p. 1080/50p)
Color system	Auto / NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
Keystone correction	Vertical: Max. +/- 30 degrees
OSD language	23-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese(????, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic ,Turkish, Polish, Vietnamese, Farsi, Finnish*, Indonesian*, Hungary*) * From August 2012

Computer and video signal input/output

INPUT A	RGB / Y PB PR input connector: Mini D-sub 15-pin (female), Audio: Stereo mini jack / Shared with component video
INPUT B	HDMI HDMI (Digital RGB/Y Pb Pr, Digital Audio) HDCP Support
VIDEO IN	Video input connector: Pin jack, Audio: stereo mini jack / Shared with Input A
Operating temperature (Operating humidity)	0°C to 35°C / 32°F to 95°F (20% to 80% (no condensation))
Storage temperature (Storage humidity)	-20°C to +60°C / +4°F to +140°F (20% to 80%)
Power requirements	AC 100 V to 240 V, 2.9 A - 1.2A 50 Hz /60 Hz

Power consumption

AC 100 V to 120 V	283W / 226W / 192W
AC 220 V to 240 V	269W / 218W / 186W

Standby mode power consumption

AC 100 V to 120 V	
AC 220 V to 240 V	

Heat dissipation

AC 100 V to 120 V	990 BTU
AC 220 V to 240 V	955 BTU
Standard outside dimensions	W 315 x H 87.2 x D 233 mm (with protrusion) W 315 x H 75 x D 230.5 mm (without protrusion)
Mass	2.5kg / 5lb 7oz

Supplied Accessories

RM-PJ8	Remote Commander (1)
CR2025	Lithium Battery (1)
	Mini D-sub 15-pin cable (1)
	Lens Cap (1)
	Operating Instructions (1) WEEE, EU Battery Info, Service Documentation
	Quick Reference Manual (1)
	Carrying Case

Optional Accessories

LMP-D213	Replacement Projector Lamp